



Journal of Research in Indian Medicine

An Official Publication of Bureau for Health & Education Status Upliftment

(Constitutionally Entitled As Health-Education, Bureau)


An overview of Covid-19 in Ayurveda, its correlation, & identification of Ayurvedic Herbs with their Antiviral Activity through Clinical trials and Molecular docking

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ABSTRACT:

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is the strain of coronavirus that causes coronavirus disease 2019 (COVID-19), a respiratory illness. As described by the U.S. National Institutes of Health, it is the successor to SARS-CoV-1. SARS-CoV-2 is a positive-sense single-stranded RNA virus. Investigation on prevention and cure of Covid-19 still remains as an unresolved challenge in the area of Bioinformatics and Pharmacogenomics. Rapid, continuous and unpredictable nature of corona viral evolution leads to difficult vaccine strategies and pandemic planning. In absence of effective vaccine, antiviral drugs play an important role in the prevention and management of infection but right now we are struggling very hard to find out the vaccine as well as proper antiviral drug. In all these tough situations, The Indian Medical Science – “Ayurveda” is rising as ray of hope to fight with Covid -19 virus as its immunity boosting as well as the antiviral activity herbs.

Access this Article Online	Quick Response Code: 
Website: http://heb-nic.in/jrim	
Received on 08/07/2020	
Accepted on 24/07/2020 © HEB All rights reserved	